



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

GENERIC DATA MATRIX

Date	EPA Reg. No./File Symbol	Page 1 of 5			
Applicant's/Registrant's Name & Address:		Product			
Ingredient(s): Didecyl dimethyl ammonium chloride (EPA A.I.# 69149) Octyl decyl dimethyl ammonium chloride (EPA A.I.# 69165) Diocetyl dimethyl ammonium chloride (EPA A.I.# 69166)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
ECOLOGICAL EFFECTS:					
850.2100/ 71-1	Acute Avian Oral Toxicity	40703101 41785803	H&S/LONZA (Co. #47371) Cluster 1 DDAC (#60165)	OLD OLD	Footnote 1 & 2 Footnote 1 & 2
850.2200/ 71-2	Avian Subacute Dietary Toxicity <i>quail</i> <i>Mallard</i>	41785801 41785802	Cluster 1 DDAC (#60165) Cluster 1 DDAC (#60165)	OLD OLD	Footnote 1 & 2 Footnote 1 & 2
850.1075/ 72-1	Acute Toxicity to Freshwater Fish <i>bluegill</i> <i>coho salmon</i> <i>sheepshead minnow</i> <i>rainbow trout</i>	40703102 40703103 41578001 41578003 42019003 42019005 43620001 47522205	H&S/LONZA (Co. #47371) H&S/LONZA (Co. #47371) Cluster 1 DDAC (#60165) Cluster 1 DDAC (#60165) LONZA (Co. #6836) LONZA (Co. #6836) LONZA (Co. #6836) LONZA (Co. #6836)	OLD OLD OLD OLD OLD OLD OLD OWN	Footnote 1 & 2 Footnote 1 & 2 Footnote 1 & 2 Footnote 1 & 2 Footnote 1 & 2 Footnote 1 & 2 Footnote 1 & 2 Footnote 1 & 2
850.1010/ 72-2	Acute Toxicity to Freshwater Invertebrates <i>daphnid</i> <i>mysid</i>	40703104 41578002 41578004	H&S/LONZA (Co. #47371) Cluster 1 DDAC (#60165) Cluster 1 DDAC (#60165)	OLD OWN OWN	Footnote 1 & 2 Footnote 1 & 2 Footnote 1 & 2
850.1085	Acute Toxicity to Fish mitigated by humic acid Fathead Minnow	47555301	LONZA (Co. #6836)	OWN	Footnote 1 & 2
850.1025	Oyster Acute Toxicity Test (Shell Deposition)	43620002 43620003	LONZA (Co. #6836) LONZA (Co. #6836)	OLD OLD	Footnote 1 & 2 Footnote 1 & 2
850.5400	Algal Toxicity, Tiers I and II	45896402 45907401	LONZA (Co. #6836) LONZA (Co. #6836)	OWN OWN	Footnote 1 & 2 Footnote 1 & 2
850.1735	Midge 28-day sediment	45821701	LONZA (Co. #6836)	OWN	Footnote 1 & 2
TOXICOLOGY:					
870.1100/81-1	Rat Acute Oral Supplement	42296101 44807901	Cluster 1 DDAC (#60165) Cluster 1 DDAC (#60165)	OLD OLD	Footnote 1 & 2 Footnote 1 & 2
870.1200/81-2	Acute Dermal Toxicity				
870.1300/81-3	Acute Inhalation Toxicity				

Signature

Name and Title

Jessica Bartlow, Director, RRM

Date

August 11, 2015



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Ingredient(s): Didecyl dimethyl ammonium chloride (EPA A.I.# 69149) Octyl decyl dimethyl ammonium chloride (EPA A.I.# 69165) Diocetyl dimethyl ammonium chloride (EPA A.I.# 69166)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.2400/81-4	Primary Eye Irritation Supplement	42161602 44807903	Cluster 1 DDAC (#60165) Cluster 1 DDAC (#60165)	OLD OLD	Footnote 1 & 2 Footnote 1 & 2
870.2500/81-5	Primary Dermal Irritation Supplement	42161601 44807902	Cluster 1 DDAC (#60165) Cluster 1 DDAC (#60165)	OLD OLD	Footnote 1 & 2 Footnote 1 & 2
870.2600/81-6	Skin Sensitization Supplement	42161603 44807904 46367601	Cluster 1 DDAC (#60165) Cluster 1 DDAC (#60165) LONZA (Co. #6836)	OLD OLD OWN	Footnote 1 & 2 Footnote 1 & 2 Footnote 1 & 2
870.3100/82-1	Subchronic Oral Toxicity, 90-Day (dog) Subchronic Oral Toxicity, 90-Day (mouse) Subchronic Oral Toxicity, 90-Day (rat) Subchronic Oral Toxicity, 90-Day (mouse) Subchronic Oral Toxicity, 90-Day (rat)	40262901 40966301 40966302 43807002 43807007	LONZA (Co. #6836) Cluster 1 DDAC (#60165) Cluster 1 DDAC (#60165) Cluster 1 DDAC (#60165) Cluster 1 DDAC (#60165)	OLD OLD OLD OLD OLD	Footnote 1 & 2 Footnote 1 & 2 Footnote 1 & 2 Footnote 1 & 2 Footnote 1 & 2
870.3250/ 82-3	Subchronic Dermal Toxicity, 90 Days	40895203 41305901 43807001	Cluster 1 DDAC (#60165) Cluster 1 DDAC (#60165) Cluster 1 DDAC (#60165)	OLD OLD OLD	Footnote 1 & 2 Footnote 1 & 2 Footnote 1 & 2
870.3465	Subchronic Inhalation Toxicity (rat) 5-day DRF Method validation	48667903 48667902 48667901	DDAC Issues SC/JV (89105) DDAC Issues SC/JV (89105) DDAC Issues SC/JV (89105)	OWN OWN OWN	Footnote 1 & 2 Footnote 1 & 2 Footnote 1 & 2
870.4100/83-1	Chronic Feeding Toxicity (dog)	41970401	Cluster 1 DDAC (#60165)	OLD	Footnote 1 & 2
870. 4200/83-2	Oncogenicity (mouse) Oncogenicity (rat) Oncogenicity (mouse) Oncogenicity (rat)	41802301 43613801 43807003 43807009	Cluster 1 DDAC (#60165) LONZA (Co. #6836) Cluster 1 DDAC (#60165) Cluster 1 DDAC (#60165)	OLD OLD OLD OLD	Footnote 1 & 2 Footnote 1 & 2 Footnote 1 & 2 Footnote 1 & 2
870.3700/83-3	Teratogenicity/ Developmental Toxicity (rabbit) Teratogenicity/ Developmental Toxicity (rat) Teratogenicity/ Developmental Tox DRF (rat) Teratogenicity/ Developmental Toxicity (rat) Teratogenicity/ Developmental Toxicity (rat) Teratogenicity/ Developmental Toxicity (rabbit)	41018701 41886701 42746901 43807004 43807005 43807006	Cluster 1 DDAC (#60165) Cluster 1 DDAC (#60165) Cluster 1 DDAC (#60165) Cluster 1 DDAC (#60165) Cluster 1 DDAC (#60165) Cluster 1 DDAC (#60165)	OLD OLD OLD OLD OLD OLD	Footnote 1 & 2 Footnote 1 & 2 Footnote 1 & 2 Footnote 1 & 2 Footnote 1 & 2 Footnote 1 & 2
870.3800/83-4	Reproduction and Fertility Effects	41804501	Cluster 1 DDAC (#60165)	OLD	Footnote 1 & 2

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Ingredient(s): Didecyl dimethyl ammonium chloride (EPA A.I.# 69149) Octyl decyl dimethyl ammonium chloride (EPA A.I.# 69165) Dioctyl dimethyl ammonium chloride (EPA A.I.# 69166)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		43807008	Cluster 1 DDAC (#60165)	OLD	Footnote 1 & 2
83-5	Chronic Toxicity/Oncogenicity	41965101	Cluster 1 DDAC (#60165)	OLD	Footnote 1 & 2
870. 5100 - 870.5915/84-2	Genetic Toxicity	40282201	LONZA (Co. #6836)	OLD	Footnote 1 & 2
		40705801	LONZA (Co. #6836)	OLD	Footnote 1 & 2
		41252601	LONZA (Co. #6836)	OLD	Footnote 1 & 2
	Mutagenicity	40705802	LONZA (Co. #6836)	OLD	Footnote 1 & 2
	CHO Aberrations	40895201	Cluster 1 DDAC (#60165)	OLD	Footnote 1 & 2
		40895202	Cluster 1 DDAC (#60165)	OLD	Footnote 1 & 2
		44005801	LONZA (Co. #6836)	OLD	Footnote 1 & 2
870.7485/85-1	Metabolism and Pharmacokinetics	41385101	LONZA (Co. #6836)	OLD	Footnote 1 & 2
		41578005	Cluster 1 DDAC (#60165)	OLD	Footnote 1 & 2
		41617101	Cluster 1 DDAC (#60165)	OLD	Footnote 1 & 2
		44783206	LONZA (Co. #6836)	OLD	Footnote 1 & 2
ENVIRONMENTAL FATE:					
835.2130/161-1	Hydrolysis	41175801	LONZA (Co. #6836)	OLD	Footnote 1 & 2
835.2210/161-2	Photolysis	41175802	LONZA (Co. #6836)	OLD	Footnote 1 & 2
161-3	Soil Photolysis	42480701	Cluster 1 DDAC (#60165)	OLD	Footnote 1 & 2
	Supplement	42480702	Cluster 1 DDAC (#60165)	OLD	Footnote 1 & 2
162-1	Aerobic Soil Metabolism	42253801	Cluster 1 DDAC (#60165)	OLD	Footnote 1 & 2
162-3	Anaerobic Aquatic Metabolism	42253802	Cluster 1 DDAC (#60165)	OLD	Footnote 1 & 2
835.3100/162-4	Aerobic Aquatic Metabolism/Biodegradation	42253803	Cluster 1 DDAC (#60165)	OLD	Footnote 1 & 2
		47522212	LONZA (Co. #6836)	OWN	Footnote 1 & 2
		47522217	LONZA (Co. #6836)	OWN	Footnote 1 & 2
835.1220/163-1	Soil/Sediment Adsorption Desorption	41385301	LONZA (Co. #6836)	OLD	Footnote 1 & 2
165-4	Bluegill Bioconcentration	45834101	LONZA (Co. #6836)	OLD	Footnote 1 & 2
835.3110	Ready Biodegradation	47522214	LONZA (Co. #6836)	OWN	Footnote 1 & 2
		46865701	Dialkyl Group SC/JV (Co. #82715)	OWN	Footnote 1 & 2

Signature

JB

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Jessica Bartlow, Director, RRMCC

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
875.1200/133-3	Applicator Exposure	41412200 41412201 41742600 41742601 42587500 42587501	CMA (#63394) CMA (#63394) CMA (#63394) CMA (#63394) CMA (#63394) CMA (#63394)	OWN OWN OWN OWN OWN OWN	Footnote 3 Footnote 3 Footnote 3 Footnote 3 Footnote 3 Footnote 3
875	Exposure	46870701 46870702 46870703 46870704 47214801 47214802	CSPA/QRG (#83639) CSPA/QRG (#83639) CSPA/QRG (#83639) CSPA/QRG (#83639) CSPA/QRG (#83639) CSPA/QRG (#83639)	OWN OWN OWN OWN OWN OWN	Footnote 4 Footnote 4 Footnote 4 Footnote 4 Footnote 4 Footnote 4
875.1400	Inhalation exposure - indoor	45524304 47618301	LONZA (Co. #6836) SAPSTAIN INDUSTRY GROUP (SIG) (#73154)	OWN OWN	Footnote 1 Footnote 1
875.1700, 1800 & 2800	Exposure	46799301 46730501 46624201 46822101 46799302 48620401	CSPA/AEJV (#74887) CSPA/AEJV (#74887) CSPA/AEJV (#74887) CSPA/AEJV (#74887) CSPA/AEJV (#74887) CSPA/AEJV (#74887)	OWN OWN OWN OWN OWN OWN	Footnote 5 Footnote 5 Footnote 5 Footnote 5 Footnote 5 Footnote 5
§158.440/ 201-1 & 201-2	Spray Drift	Not Applicable	---	---	Footnote 6

FOOTNOTES:

- 1 This study was conducted with the straight-chain quat, "DDAC," which is didecyl dimethyl ammonium chloride [AI Number 69149].
- 2 Lonza, Pilot Chemical/Mason and Stepan are active members in good standing with the DDAC Issues Steering Committee, headed by the Consumer Specialty Products Association, Inc. and therefore, shares ownership of the data identified by these MRID numbers.
- 3 Lonza is an active member in good standing with the Antimicrobial Exposure Assessment Task Force headed by the Chemical Manufacturers Association, and, therefore, shares ownership of the data identified by these MRID numbers.

Signature 	Name and Title Jessica Bartlow, Director, RRM	Date August 11, 2015
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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

- 4 Lonza, Pilot Chemical/Mason and Stepan are active members in good standing with the Quats Residue Group (QRG), headed by the Consumer Specialty Products Association, Inc. and therefore, shares ownership of the data identified by these MRID numbers.
- 5 Lonza, Pilot Chemical/Mason and Stepan are active members in good standing with the Antimicrobial Exposure Joint Venture (AEJV), headed the Consumer Specialty Products Association, Inc. and therefore, shares ownership of the data identified by these MRID numbers.
- 6 This data requirement is not applicable based on the registered use patterns.

Signature 	Name and Title Jessica Bartlow, Director, RRMC	Date August 11, 2015
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